

INTERNATIONAL SEARCH REPORT

IB2004/051018

A. CLASSIFICATION OF SUBJECT MATTER

H01J61/34 H01J61/36 H01J61/82 H01J61/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 101 14 289 A1 (ADVANCED LIGHTING TECHNOLOGIES, INC) 27 September 2001 (2001-09-27) the whole document	1-15
Y	US 5 252 885 A (MUZEROLL ET AL) 12 October 1993 (1993-10-12) figures 1,2 column 2, line 49 - column 3, line 54 column 5, line 1 - line 14	1-15
A	EP 1 033 742 A (OSRAM SYLVANIA INC) 6 September 2000 (2000-09-06) figure 1 column 5, line 53 - column 7, line 57 ----- -/--	1-15

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

8 March 2006

Date of mailing of the international search report

12/04/2006

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 075 586 A (JAEGER ET AL) 24 December 1991 (1991-12-24) figures 1-3 column 4, line 8.- line 20 -----	1-15

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			US	2004061441 A1	01-04-2004
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US 5252885	A	12-10-1993	NONE		
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